Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
Data File : BF130135.D
Acq On : 06 Sep 2022 13:49
Operator : CG\JU
Sample : PB147410BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 07 02:09:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147410BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	228578	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	918309	20.000	ng		0.00
39) Acenaphthene-d10	9.733	164	499736	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	862034	20.000	ng	#	0.00
76) Chrysene-d12	13.839	240	466901	20.000	ng	#	0.00
86) Perylene-d12	15.233	264	431428	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1273405	94.576	ng		0.01
7) Phenol-d6	6.334	99	1599432	95.283	ng		0.00
23) Nitrobenzene-d5	7.269	82	1345754	94.180	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	476057	104.651	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2564699	85.088	ng		0.00
79) Terphenyl-d14	12.798	244	2661980	98.869	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	251050	39.897	ng		96
3) Pyridine	3.140	79	688876	40.827	ng		93
4) n-Nitrosodimethylamine	3.098	42	314726	47.429	ng		90
6) Aniline	6.363	93	887192	42.156	ng	#	50
8) 2-Chlorophenol	6.481	128	755476	51.121	ng		99
9) Benzaldehyde	6.245	77	380581	37.042	ng		99
10) Phenol	6.345	94	928091	48.914	ng	#	63
11) bis(2-Chloroethyl)ether	6.439	93	700154	48.567	ng		99
12) 1,3-Dichlorobenzene	6.639	146	769587	46.976	ng		96
13) 1,4-Dichlorobenzene	6.716	146	776277	47.041	ng		97
14) 1,2-Dichlorobenzene	6.869	146	745936	49.727	ng		97
15) Benzyl Alcohol	6.845	79	603012	53.296	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	904922	46.187	ng	#	51
17) 2-Methylphenol	6.957	107	598181	48.110	ng	#	87
18) Hexachloroethane	7.210	117	285126	47.848	ng		95
19) n-Nitroso-di-n-propyla...	7.122	70	477223	47.190	ng		94
20) 3+4-Methylphenols	7.110	107	680419	46.666	ng	#	74
22) Acetophenone	7.116	105	964892	47.031	ng	#	96
24) Nitrobenzene	7.286	77	731032	48.105	ng		98
25) Isophorone	7.528	82	1430495	49.462	ng		98
26) 2-Nitrophenol	7.598	139	337706	47.356	ng		97
27) 2,4-Dimethylphenol	7.639	122	672253	55.396	ng		97
28) bis(2-Chloroethoxy)met...	7.739	93	882428	50.793	ng		98
29) 2,4-Dichlorophenol	7.839	162	627288	48.325	ng		100
30) 1,2,4-Trichlorobenzene	7.922	180	618129	45.162	ng		99
31) Naphthalene	8.004	128	2088914	45.102	ng		99
32) Benzoic acid	7.781	122	460664	46.698	ng		99
33) 4-Chloroaniline	8.051	127	598208	31.969	ng		99
34) Hexachlorobutadiene	8.122	225	353316	45.073	ng		98
35) Caprolactam	8.439	113	199901m	49.695	ng		
36) 4-Chloro-3-methylphenol	8.539	107	668622	50.903	ng		95
37) 2-Methylnaphthalene	8.692	142	1390442	46.605	ng		98
38) 1-Methylnaphthalene	8.792	142	1319006	45.484	ng		98
40) 1,2,4,5-Tetrachloroben...	8.857	216	581040	44.589	ng	#	98
41) Hexachlorocyclopentadiene	8.845	237	741172	108.832	ng		98
43) 2,4,6-Trichlorophenol	8.969	196	444758	47.815	ng		98

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44)	2,4,5-Trichlorophenol	9.010	196	461426	45.768	ng		95
46)	1,1'-Biphenyl	9.157	154	1658416	45.679	ng		99
47)	2-Chloronaphthalene	9.180	162	1299972	44.688	ng		99
48)	2-Nitroaniline	9.280	65	381520	53.222	ng		91
49)	Acenaphthylene	9.598	152	2025212	45.847	ng		100
50)	Dimethylphthalate	9.469	163	1574156	46.247	ng		100
51)	2,6-Dinitrotoluene	9.527	165	343800	51.806	ng		88
52)	Acenaphthene	9.769	154	1394687m	50.098	ng		
53)	3-Nitroaniline	9.692	138	281076	36.900	ng		98
54)	2,4-Dinitrophenol	9.798	184	302291	98.276	ng		93
55)	Dibenzofuran	9.939	168	1835814	46.052	ng		98
56)	4-Nitrophenol	9.857	139	647525	110.262	ng		92
57)	2,4-Dinitrotoluene	9.927	165	441662	57.805	ng		93
58)	Fluorene	10.280	166	1362609	44.923	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.057	232	373978	47.759	ng	#	78
60)	Diethylphthalate	10.163	149	1530767	46.486	ng		99
61)	4-Chlorophenyl-phenyle...	10.274	204	614294	45.814	ng		100
62)	4-Nitroaniline	10.310	138	399366	53.910	ng		97
63)	Azobenzene	10.433	77	1458832	44.995	ng		96
65)	4,6-Dinitro-2-methylph...	10.327	198	200907	49.314	ng		97
66)	n-Nitrosodiphenylamine	10.398	169	1296051	44.975	ng		99
67)	4-Bromophenyl-phenylether	10.763	248	440729	45.965	ng		95
68)	Hexachlorobenzene	10.822	284	491680	47.061	ng		93
69)	Atrazine	10.927	200	427636	52.455	ng		97
70)	Pentachlorophenol	11.016	266	554471	94.906	ng		96
71)	Phenanthrene	11.239	178	2062691	44.122	ng		99
72)	Anthracene	11.292	178	2098011	45.652	ng		100
73)	Carbazole	11.445	167	1983748	46.810	ng		100
74)	Di-n-butylphthalate	11.780	149	2301973	45.046	ng		100
75)	Fluoranthene	12.421	202	2083754	44.949	ng		98
77)	Benzidine	12.545	184	1043906	82.811	ng		99
78)	Pyrene	12.645	202	2106050	50.289	ng		99
80)	Butylbenzylphthalate	13.274	149	775761	46.572	ng		99
81)	Benzo(a)anthracene	13.827	228	1450870	45.344	ng		99
82)	3,3'-Dichlorobenzidine	13.798	252	324531	32.524	ng		99
83)	Chrysene	13.868	228	1423778	45.133	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.833	149	780952	37.718	ng		100
85)	Di-n-octyl phthalate	14.445	149	1306240	39.939	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.586	276	1508362	53.001	ng		96
88)	Benzo(b)fluoranthene	14.845	252	1384427	48.120	ng		99
89)	Benzo(k)fluoranthene	14.874	252	1240646	44.587	ng		99
90)	Benzo(a)pyrene	15.180	252	1160874	50.779	ng		99
91)	Dibenzo(a,h)anthracene	16.603	278	1298916	55.779	ng		97
92)	Benzo(g,h,i)perylene	16.992	276	1342048	57.602	ng	#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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